

UNIVERSITY OF CALCUTTA

Office of the Engineer
Darbhanga Building
87/1 College Street
Kolkata- 700073

Corrigendum- 01
The tender has been cancelled by the University Engineer

University of Calcutta invites sealed tender from resourceful and bonafide contractors for the following work

1.	N.I.T. No	:	Eng/ET-253/19-20	Dated:21/10/2019
2.	Name of Work	:	3 rd call for thorough EI works for HironmoyeeChhatriBhawan, 53/2/4A, Hazra Road, Kol-19, replacement of age old wiring with enhancement of ceiling fan in each room, proper earthing system, incl. s&f new ceiling fans, luminaires etc.	
3.	Estimated Cost put to Tender	:-	Rs496475.00 (including Taxes)	
4.	Earnest Money	:-	A sum of Rs25000.00 (Rupees Twenty Five Thousand Only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is deducted by the University from the running bills/final bill as per norms.EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.	
5.	Time of completion	:-	45 days	
6.	Eligibility Criteria	:-	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted. (Only completion certificate of the work should be treated as Credential.	
7.	Issue of tender papers	:-	TO BE DOWNLOADED FROM WEBSITE (www.caluniv.ac.in).	
8.	Last Date and Time of tender submission	:-	01/11/2019(up to 2.00 PM)	
9.	Date and Time of tender opening	:-	01/11/2019 at 3.00 PM or after	

N.I.T no. Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

UNIVERSITY ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

NOTICE INVITING TENDER No: Eng/ET-253/19-20

Dated: 21/10/2019

Name of the work: - 3rd call for thorough EI works for HironmoyeeChhatriBhawan, 53/2/4A, Hazra Road, Kol-19, replacement of age old wiring with enhancement of ceiling fan in each room, proper earthing system, incl. s&f new ceiling fans, luminaires etc.

UNIVERSITY OF CALCUTTA

Tender No: - Eng/ET-253/19-20

Dated: 21/10/2019

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year(only completion certificate of the work should be treated as Credential) in sealed envelope in the Tender box kept in the Office of the undersigned. The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.

Name of Agency:-

Address of Agency:-

Rate quoted by Agency: - (%)
Percent Above / At par / Below

Signature of the Agency with date & stamp:-



2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc. as well as the Water, Electricity charges which are to be paid as per rules.

3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.

4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 05 % of the contract value.

5. The allotted time for completion of the work is 45 days from the date of receipt of work order. Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.

6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Guarantee shall be returned immediately on successful completion of contract.



(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as Security Deposit. This will be released after a period of six months from the date of completion of the work on application.

7. A sum of 5% of the estimated amount put to tender (as mentioned earlier) in the form of demand draft in favour of UNIVERSITYOF CALCUTTA payable at Kolkata is to be attached with the tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenderers on application & after issue of work order to the successful bidder. For successful tenderer the EMD will be returned on application after an equal amount of security deposit is deducted from the running bills.

D.D No..... Dated / /20

Name of Issuing Bank:--

B ranch :-

Amount: - Rs /-(Rupees)

8. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.

9. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.
10. The rates must be quoted in words in figure otherwise the tender will be cancelled.
11. The University will not be bound to accept the lowest bidder.
12. The University will not supply any materials to the contractor.
13. The contractor will work under the strict supervision of the Engineer. The estimate given along with the tender are provisional, payment will be made on the actual work done jointly measured by the consultant & the contractor. The contractor will have to submit bill in printed format in duplicate.
14. The contractor will have to take necessary instruction from the Engineer, CU / his representative regarding the execution of work.
15. The contractor has to produce user end completion certificate before claiming of final bill.
16. The eligible Contractor who does not have ESI for their workers will have to possess workmen's compensation policy for their workers before starting the job.



17. Guarantee/Warranty period of the work will be 6(Six) months from the date of completion of the work.

Sd/-

Engineer

University

Name of the Agency:-

Address:-

Signature of the contractor with seal & date:

AN ESTIMATE FOR THOROUGH E.I WORKS FOR HIRONMOYEE CHHATRI BHAWAN,53/2/4A,HAZRA ROAD,KOLKATA 19
 REPLACEMENT OF AGE OLD WIRING WITH ENHANCEMENT OF CEILING FAN IN EACH ROOM,PROPER EARTHING SYSTEM
 INCL SYPPLY & FIXING NEW CEILING FAN,LUMINAIRES ETC.

(QUANTITY OF ITEM MAY VARY DURING THE EXECUTION OF WORK)

Sl.No.	Description of work	Unit	Rate	Quantity	Amount	PWD 17
1	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface] Average run 5 mtr	Each	577	287	165599	E11/2b
2	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required	Each	287	2	574	E6/22
3	Distribution wiring in 1.1 KV single core stranded FR PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	RM	102	320	32640	E14/E1
	2 x 22/0.3(1.5sq.mm)+1x22/0.3(1.5sq.mm)ECC(LDB to SWITCH BOARD)	RM	119	57	6783	E14/E1/ii]
	2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	RM	149	63	9387	E14/E1/iii
	2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC	RM	193	41	7913	E14/E1/iv
	2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC					
4	Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc	Each	236	97	22892	E6/18A
5	Fixing only single /twin fluorescent light fitting complete with all accessories directly on wall/ceiling/HW round block and suitable size of MS fastener	Each	100	140	14000	C2/14b
6	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment (2+12) Way Legrand(Encl607712)	Each	1757	4	7028	D9/13

7A	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection DP 63A	Each	460	4	1840 D5/6]
7B	Fixing only fan clamp for RC ceiling as per specification	Each	106	50	5300 c3/27
7C	Supplying and fixing 240/415 V MCB of Breaking capacity 10KA & C characteristics on din rail of existing DBs & necy conn. 6-32A...SP	Each	190	36	6840 D6/7
8	Lowering and refixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. making necessary disconnection and connection as required	Each	35	60	2100 C3/22
9	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: (a) 23 cm (9") (For Toilets in each floor)	Each	247	6	1482 C4/28a
10	Supplying and fixing Sheet steel Main Switches on flat iron frame on wall				
a	240V DP with fuse on L&N 30/32A(Havells/standard/L&T)	Each	1277	2	2554 D1/1A
b	415V TPN with fuse on L&N 60/63A (Havells/L&T/Standard)	Each	3568	1	3568 D1/1B
11	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required.				
a	4x126/0.4 (16 sqmm) + 2x80/0.4 (10 sqmm) as ECC	RM	795	6	4770 E9/1g
b	2x84/0.3 (6 sqmm) + 1x56/0.3 (4 sqmm) as ECC	RM	139	5	695 E9/1Y
12	LUMINAIRES Sleek & decorative strip type fixture domestic electronic ballast suitable for T8 FTL (Without lamp) 1x36Watt Havells	Each	270	140	37800 plist17 page24
13	Supplying of heavy duty exhaust fan of following rating				
a	300mm/9" ..1370rpm.40 watt (For Toilet)	Each	1660	6	9960 plist14
	Supplying of Ceiling Fan 1200mm.(CG,Orient,Havells) (This item may be replaced by wall pedestal fan (12") instead of ceiling fan according to the site as well as ceiling condn .Rates & make are remain same	Each	1620	50	81000 Plist 14
14	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper.	Each	68	55	3740 C3/17
15	EARTHING				
A	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: By ISI-Medium GI pipe	Set	1369	1	1369 G1/2a

B	Extra for treatment of soil by using salt & charcoal or coke for plate electrode	Set	531	1	531 G2/3b
C	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe	item	915	1	915 G2/3a
D	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required	RM	156	2	312 G2/4a
E	Earth Continuity Conductor : Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages No. 10 SWG	RM	6	120	720 G2/5
16	Supply&Fixing only tube light of 36Watt in newly installed luminaires.	Each	47	140	6580
(A) TOTAL BASIC COST :					438892
(B)G.S.T @12% ON TOTAL TENTATIVE BASIC COST(A)					
Subject to verification of accounts dept.)					52667
TOTAL BASIC COST +GST(A+B)					491559
(C) ADD 1% L.W CESS ON (A+B) :					4916
TOTAL COST :(A+B+C)=Rs(438892+52667+4916)= RS					496475
(Four lacs ninetysix thousand four hundred seventyfive only)					

Roby P. P. P.
SAP (F)



UNIVERSITY OF CALCUTTA
OFFICE OF THE UNIVERSITY ENGINEER
87/1, College Street
Darbhanga Building, Ground Floor
Kolkata-700073
Website :-www.caluniv.ac.in

NOTICE INVITING TENDER

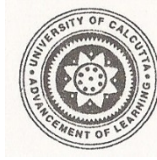
University of Calcutta invites **sealed** tender from resourceful and bonafied contractors for the following work

1.	N.I.T. No:	Eng /CT- 261/19-20. Dated: 21/10/2019
2.	Name of the work:	<u>THOROUGH REPAIRING, STITCHING SEVERE CRACK ETC AND PAINTING AT NORTHERN SIDE OF CAS BUILDING AT RAJA BAZAR SCIENCE COLLEGE.</u>
3.	Estimated Cost put to Tender:	<u>RS.339670.86</u>
4.	Earnest Money:	A sum of Rs.17000.00 (Rupees seventeen thousand only) in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated cancelled. The earnest money will be returned to unsuccessful tenders on application after issuing of work order to the successful bidder. In case of successful tender the EMD will be returned on application after an equal amount of security deposit is ducted by the University from the running bills. EMD is exempted for those bidders who are registered with NSIC or any Government organization- to safeguard against a bidder withdrawing/altering his bid during the bid validity period.
5.	Time of completion:	60 days
6.	Eligibility Criteria	Valid trade License , GST & Pan and credential for satisfactory completion of similar nature of job. Amounting 75 % of the estimated value in a single tender in the last three financial year . Government, Government Undertaking and University of Calcutta credentials are accepted.(only completion certificate of the work should be treated as Credential.
7.	Last date of receipt of application for tender	NA
8.	Last date of Sale/ issue of tender papers	TO BE DOWNLOADED FROM WEBSITE.(www. caluniv.ac.in)
9.	Last Date and Time of tender Submission	31/10/2019 (up to 2.00 PM)
10.	Date and Time of Tender Opening	On or after 3:00 PM 31/10/2019

N.I.T no :Name of work and the date of opening should be written on the sealed envelope otherwise tender will not be opened thus cancelled.

The undersigned reserves the right to reject any or all Tenders without assigning any reason what so ever.

UNIVERSITY ENGINEER (C.U)



UNIVERSITY OF CALCUTTA

Name of the work:- THOROUGH REPAIRING, STITCHING SEVERE CRACK ETC AND PAINTING AT NORTHERN SIDE OF CAS BUILDING AT RAJA BAZAR SCIENCE COLLEGE.

N. I.T. no- Eng /CT- 261 /19-20.

Dated: 21/10/2019

Estimated cost Put to Tender:- RS. 339670.86

Name of Agency:-

Address of Agency:-

Rate quoted by Agency:- (%)
Percent Above / At par / Below

Signature of the Agency with date & stamp:-



UNIVERSITY OF CALCUTTA

N. I.T. no : Eng /CT- 261 /19-20. Dated:21/10/2019

TENDER AND CONTRACT FOR WORK

GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT which will be opened by the undersigned or by his representative with in **the specified time and date mentioned in the NIT** The tendered must write the name of the work , NIT no , the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc as well as the Water, Electricity charges which are to be paid as per rules .
3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
4. Liquidated damage will be charged to the contractor if they fail to complete the work within the stipulated time, 0.01% per day to a maximum limit of 05 % of the contract value .



5. The allotted time for completion of the work as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.
6. (a) If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Gurrantee shall be returned immediately on successful completion of contract.

(b) The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. Which will be released after a period of six months from the date of completion of the work on application.
7. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.
8. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.
9. The rates must be quoted in words in figure otherwise the tender will be cancelled.
10. The University will not be bound to accept the lowest bidder.
11. The University will not supply any materials to the contractor.
12. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative (Sub-Assistant- Engineer) & the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.
13. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.

14. Defect& liability Period:-The defect & liability period will be for a period of six months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at their own cost failing which the retention money will be forfeited.

Sd/-

University Engineer

Name of the Agency:

Address :-

Signature of the Agency with date & stamp:-

Specific Price schedule for THOROUGH REPAIRING, STITCHING SEVERE CRACK ETC AND PAINTING AT NORTHERN SIDE OF CAS BUILDING AT RAJA BAZAR SCIENCE COLLEGE.

SL.NO.	DESCRIPTION OF ITEM.	UNIT.	QUANTITY.	RATE. RS. P.	AMOUNT. RS. P.
1. (page11 Item10).	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	Sqm.	220.00	19.00	4180.00
2. (page45 Item8).	Applying 2 coats of bonding agent with synthetic multi functional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department] 50% of plaster area	Sqm.	110.00	88.00	9680.00
3. (page183 Item1).	Band moulding (horizontal or vertical) rectangular section, made with cement plaster (1:4) complete.	mtr.	100.00	38.12	3812.00
4. (page275 Item2).	Stitching crack in brick wall by carefully cutting out face brick 125 mm. deep into the wall, cleaning the gap and filling up the same with precast cement concrete block carefully set in cement mortar (1:3) including mending good damages and finishing the surface to match with adjacent areas complete as per direction. With reinforced cement concrete blocks (1:1½:3) with stone chips and nominal reinforcement. Block size 25 mm x 125 mm x 150 mm	Each.	75.00	127.00	9525.00
5. (p-275 i-1)	Repairing crack in wall by cement grouting (1 : 2) including widening the crack on the surface (into V section) cleaning and packing the same with cement mortar (1 : 2) and finishing off to match with adjacent surface.	mtr	100.00	13.60	1360.00
6. (page45 Item6).	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours,				

	removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification][Mode of measurement:The affected surface area of reinforcement shall be considered for payment] 150x3.14x.01x2.0=9.42	Sqm.	10.00	782.00	7820.00
7. (p-40 i-27)	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. 25mmth	sqm	110.00	517.00	56870.00
8. (page189 Item1).	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary With 1:6 cement mortar . 25 mm thick plaster	Sqm.	220.00	215.00	47300.00
9. (page76 Item1).	Dismantling H.C.I. pipe with fittings including melting lead caulked joints 100 mm dia.	Rmt.	50.00	64.00	3200.00
10. (page68+74 Item23+24	Supplying fitting fixing UPVC pipe conforming to is-13592-1992. 110 mm	Rmt.	50.00	349.00	17450.00
11. (page113 Item22).	Repairing steel shutter with new rivets including taking out and refixing, adjusting, welding, cleaning cutting holes, mending good damage to match with the existing one 15x1.0x.6=9.0				

	15x0.6x0.6=5.4	Sqm.	15.00	401.00	6015.00
12. (page113 Item23).	Renewing M.S. members of steel shutters by welding including taking out the old, mending good damages complete, including taking out and re fixing the glass pane. 20x1.00=20.00 10x0.6=6.00	Rmt.	30.00	211.00	6330.00
13. (page113 Item25).	Renewing knobs of steel window frames including fixing with steel casement by welding or riveting as directed including painting complete.	Each.	20.00	33.00	660.00
14. (page113 Item26).	Renewing one point steel (oxidised) handle of steel door and windows as directed including painting complete.	Each.	20.00	61.00	1220.00
15. (page205 Item1).	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. 3 mm thick. 35x0.55x0.55=10.58	sqm	12.00	544.00	6528.00
16. (page207 Item1).	Renewing worn out putty of glass panes : Panes not exceeding 0.2 Sq.m	Each.	50.00	33.00	1650.00
17. (page198 Item1).	Scraping of moss, blisters etc.thoroughly from exterior surface of walls necessitating the use of scraper, wire brush etc.(Payment against this item will be made only when this has been done on the specific direction.	Sqm.	670.00	7.00	4690.00
18. (page196 Item8).	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the Engineer in charge. Two coat	Sqm.	670.00	46.52	31168.40
19. (page197 Item17).	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The				

	rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. Super Protective 100% Acrylic Emulsion.	Sqm.	670.00	98.42	65941.40
20. (page200 Item1).	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering.	Sqm.	105.00	38.00	3990.00
21. (page200 Item2).	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. Including using of approved putty etc. On the surface,	Sqm.	105.00	79.00	8295.00
22. (page12 Item13).	Removal of rubbish, earth etc from the working site and disposal the same beyond the compound	Cum.	15.00	166.00	2490.00

(A) TOTAL TENTATIVE BASIC COST-----RS.300274.80

(B) GST on A @12 %RS.36032.98

(C) TOTAL TENTATIVE BASIC COST + GST(A+B)-----RS.336307.78

Add 1% Labour Welfare Cess on C.....Rs.3363.08

Total Cost.....Rs.339670.86

Name of the Agency

Address of the Agency

Rate quoted by the Agency

Signature of the Agency with date